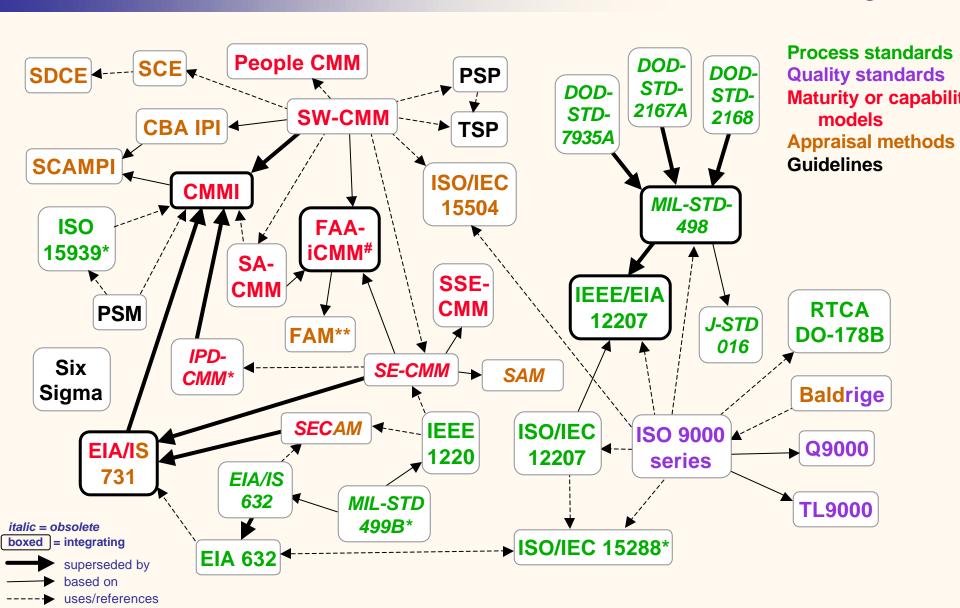


# Unintended Consequences of CMMI

Jim Armstrong
Software Productivity Consortium
November 14, 2001



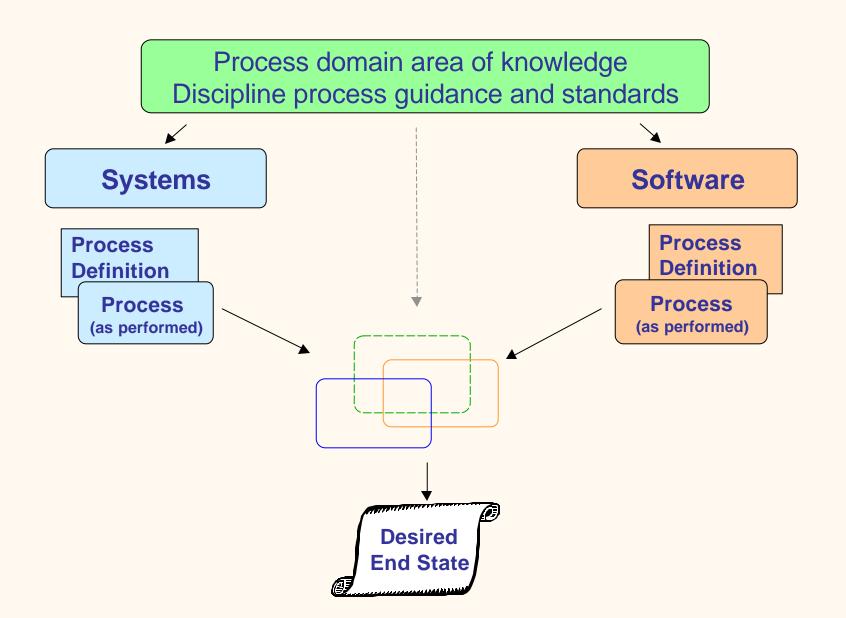
## The Frameworks Quagmire







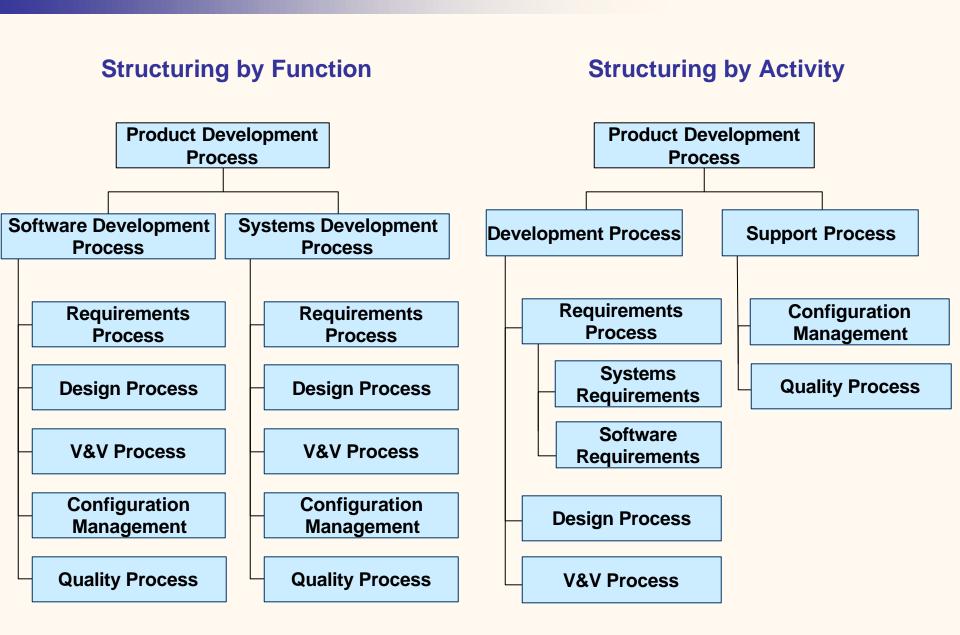
## Integrating Processes





#### Process Engineering and Architecture

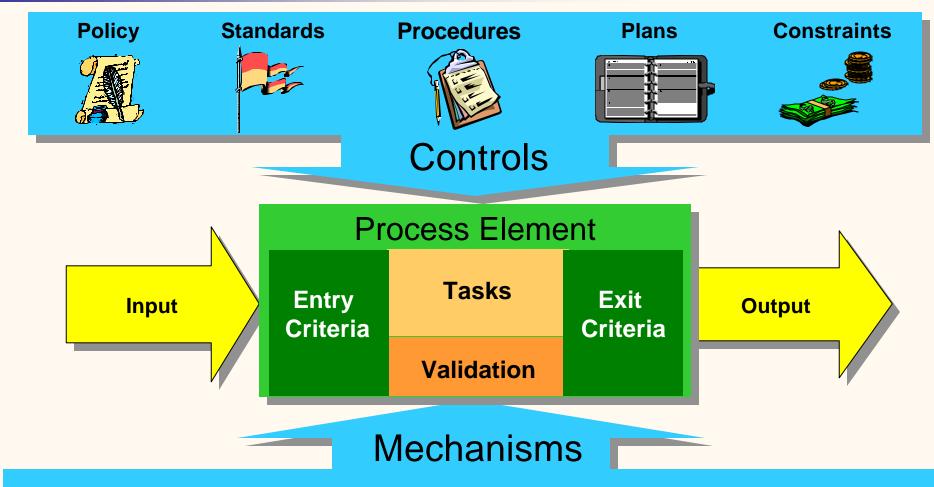
## Process Architecture Issues





### **Process Engineering and Architecture**

## ETVX Process Definition











**Method & Measurement** 

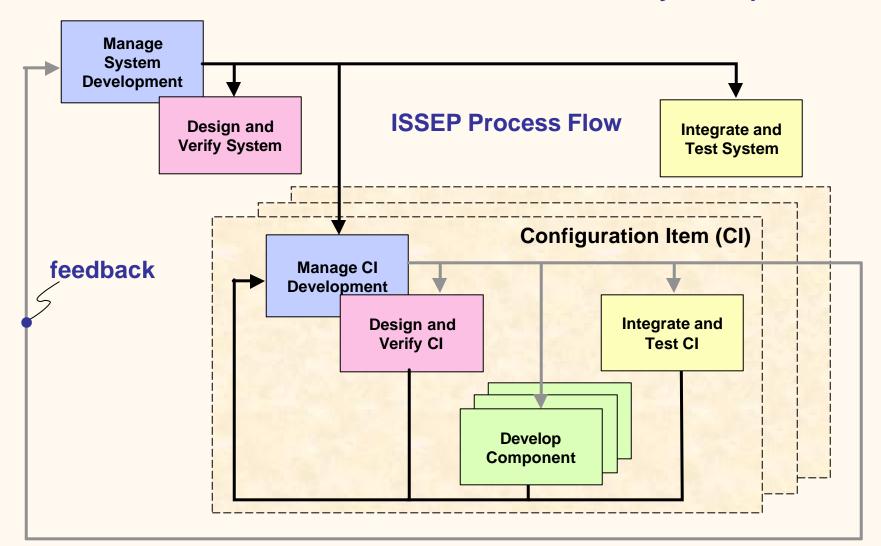
**Roles & Responsibilities** 

**Tools** 



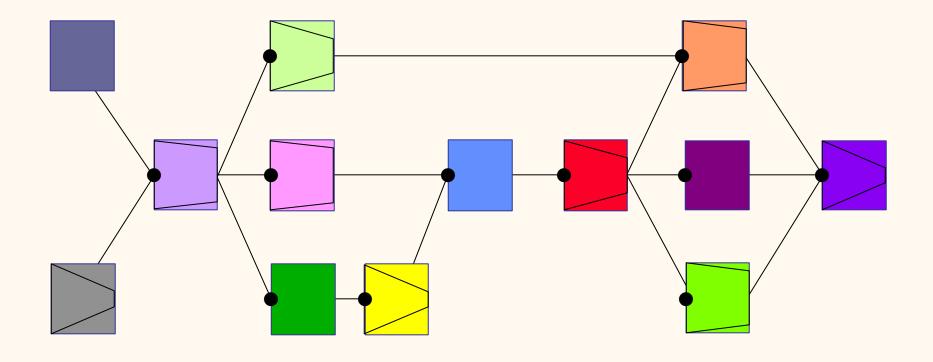
### **ISSEP Standard Processes**

The Consortium's Integrated Systems and Software Engineering Process can help you ensure an architecture contains a minimal and necessary set of processes



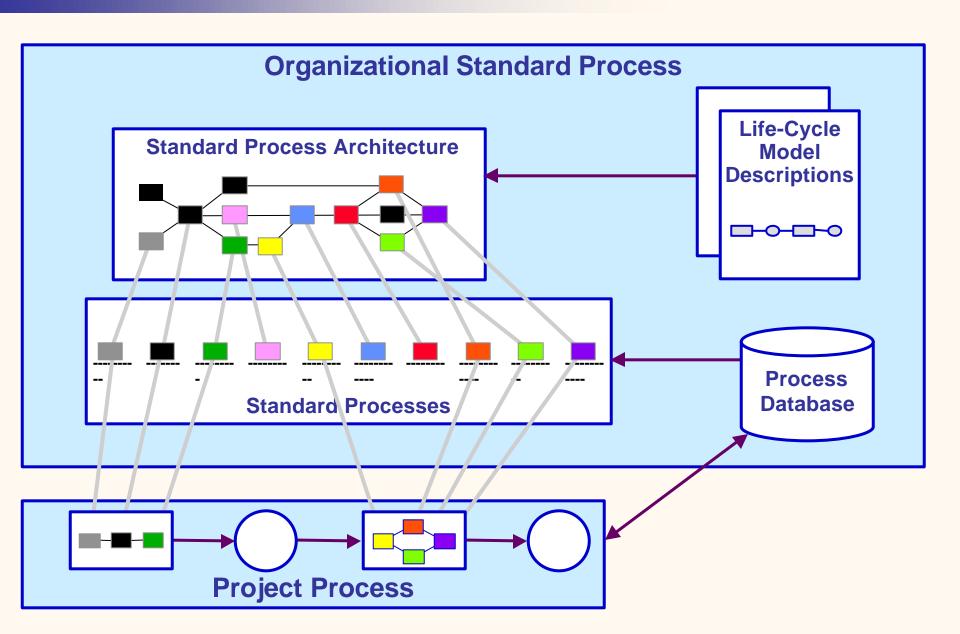


## Architecture Schematic





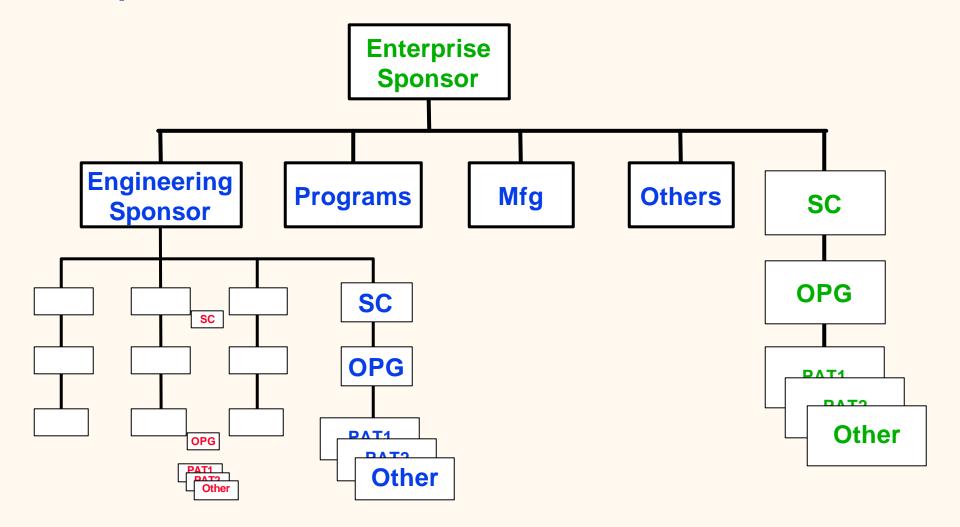
## Standard Processes





## Process Improvement Infrastructure

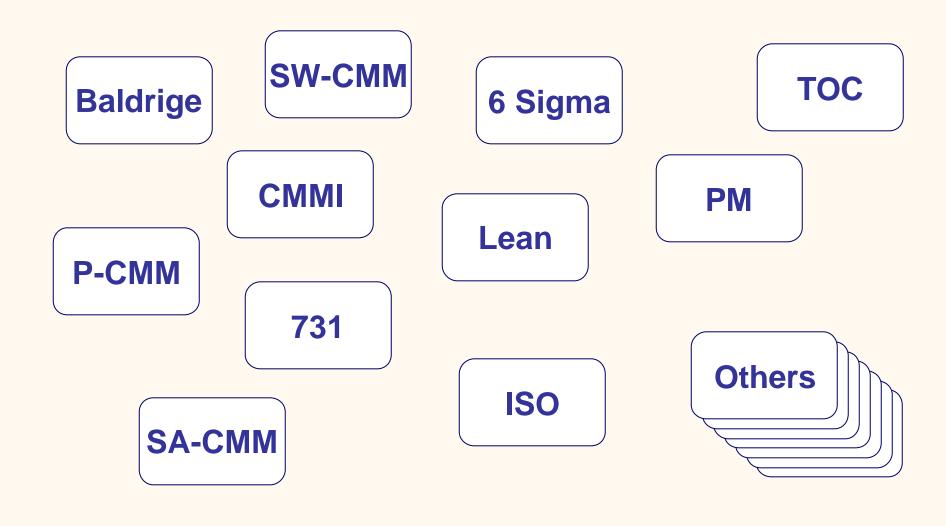
## **Enterprise-wide infrastructure**





#### **CMMI Transition Overview for Executives**

# The Process Improvement Quagmire





# Three key CMMI impacts

- Process architecture critical
- Enterprise view apparent
- Process Improvement Integration needed